FIG. 1

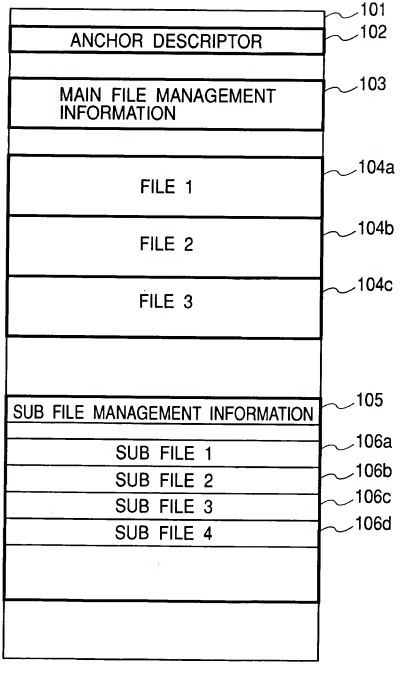

101
ANCHOR DESCRIPTOR
102
MAIN FILE MANAGEMENT INFORMATION
103
FILE 1
104a
FILE 2
104b
FILE 3
104c
SUB FILE MANAGEMENT INFORMATION
105
SUB FILE 1
106a
SUB FILE 2
106b
SUB FILE 3
106c
SUB FILE 4
106d

FIG. 2

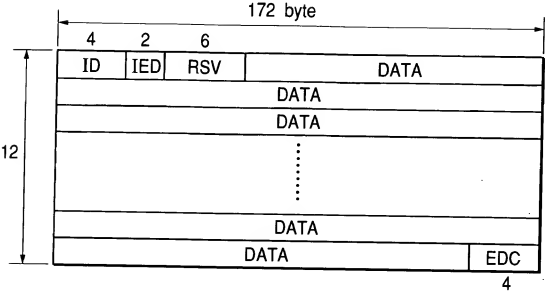

172 byte
4
2
6
ID
IED
RSV
DATA
DATA
DATA
12
DATA
DATA
EDC
4

FIG. 3

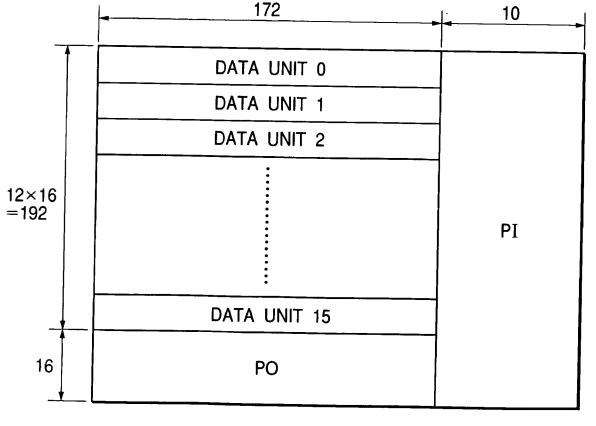

172
10
DATA UNIT 0
DATA UNIT 1
DATA UNIT 2
12×16
=192
PI
DATA UNIT 15
16
PO

FIG. 4

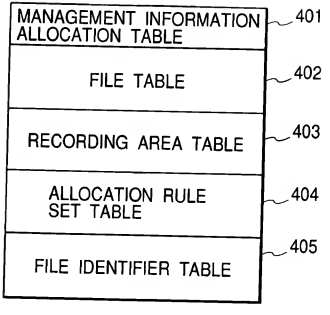

MANAGEMENT INFORMATION ALLOCATION TABLE
401
FILE TABLE
402
RECORDING AREA TABLE
403
ALLOCATION RULE SET TABLE
404
FILE IDENTIFIER TABLE
405

FIG. 5

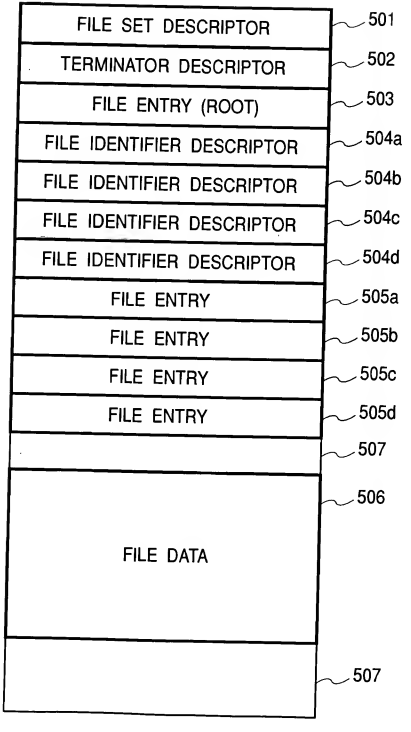

FILE SET DESCRIPTOR
501
TERMINATOR DESCRIPTOR
502
FILE ENTRY (ROOT)
503
FILE IDENTIFIER DESCRIPTOR
504a
FILE IDENTIFIER DESCRIPTOR
504b
FILE IDENTIFIER DESCRIPTOR
504c
FILE IDENTIFIER DESCRIPTOR
504d
FILE ENTRY
505a
FILE ENTRY
505b
FILE ENTRY
505c
FILE ENTRY
505d
507
506
FILE DATA
507

FIG. 6

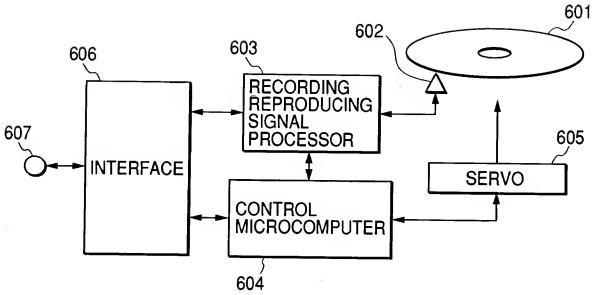

601
602
603
606
RECORDING
REPRODUCING
SIGNAL
PROCESSOR
607
INTERFACE
605
SERVO
CONTROL
MICROCOMPUTER
604

FIG. 7

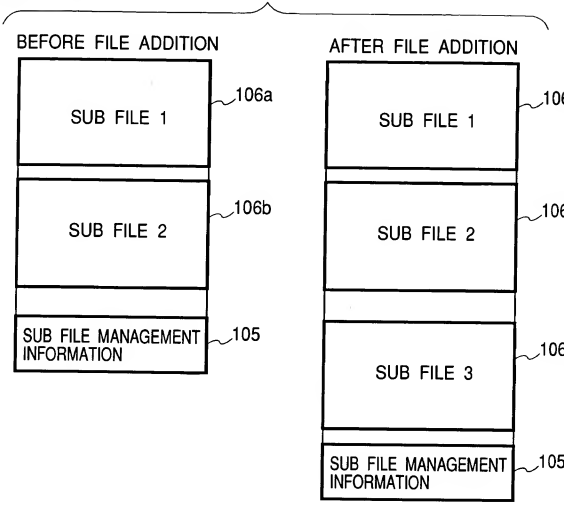

BEFORE FILE ADDITION
SUB FILE 1
106a
SUB FILE 2
106b
SUB FILE MANAGEMENT INFORMATION
105
AFTER FILE ADDITION
SUB FILE 1
106a
SUB FILE 2
106b
SUB FILE 3
106c
SUB FILE MANAGEMENT INFORMATION
105

FIG. 8

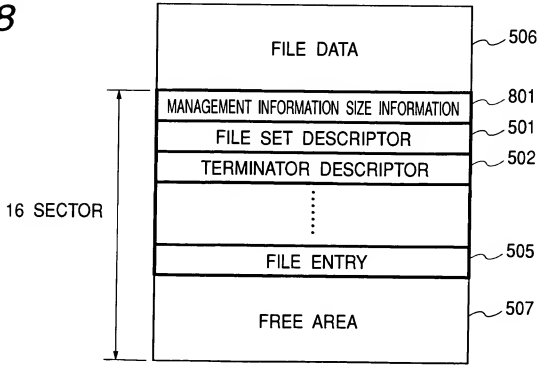

FILE DATA
506
MANAGEMENT INFORMATION SIZE INFORMATION
801
FILE SET DESCRIPTOR
501
TERMINATOR DESCRIPTOR
502
16 SECTOR
FILE ENTRY
505
FREE AREA
507

FIG. 9

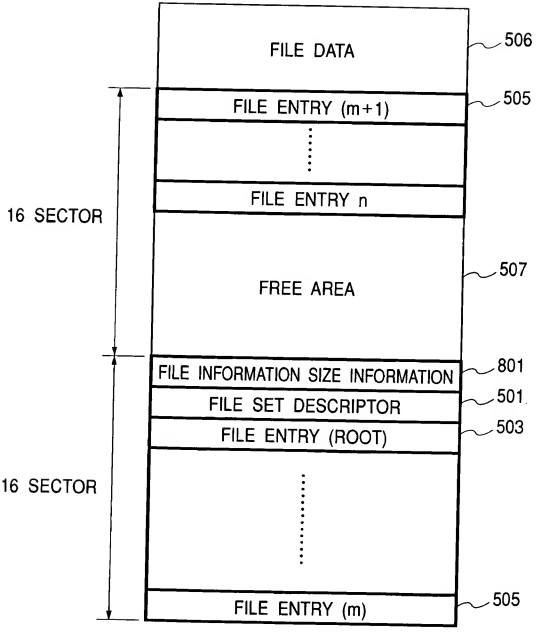

FILE DATA
506
FILE ENTRY (m+1)
505
FILE ENTRY n
16 SECTOR
FREE AREA
507
FILE INFORMATION SIZE INFORMATION
801
FILE SET DESCRIPTOR
501
FILE ENTRY (ROOT)
503
16 SECTOR
FILE ENTRY (m)
505

FIG. 10

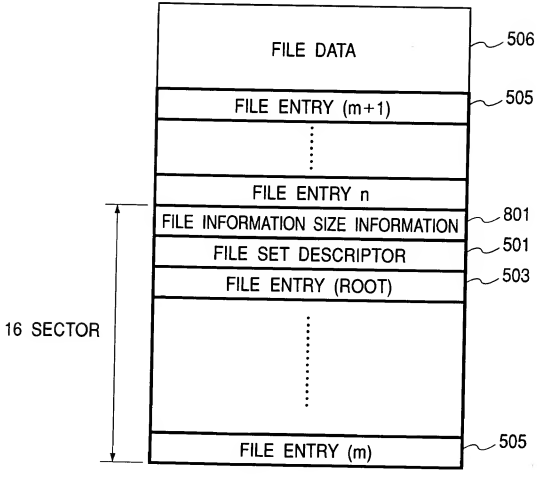

FILE DATA
506
FILE ENTRY (m+1)
505
FILE ENTRY n
FILE INFORMATION SIZE INFORMATION
801
FILE SET DESCRIPTOR
501
FILE ENTRY (ROOT)
503
16 SECTOR
FILE ENTRY (m)
505

FIG. 11

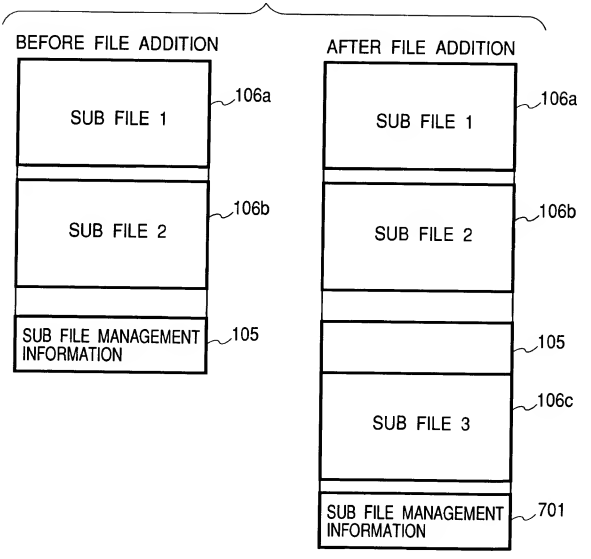

BEFORE FILE ADDITION
SUB FILE 1
106a
SUB FILE 2
106b
SUB FILE MANAGEMENT INFORMATION
105
AFTER FILE ADDITION
SUB FILE 1
106a
SUB FILE 2
106b
105
SUB FILE 3
106c
SUB FILE MANAGEMENT INFORMATION
701

FIG. 12

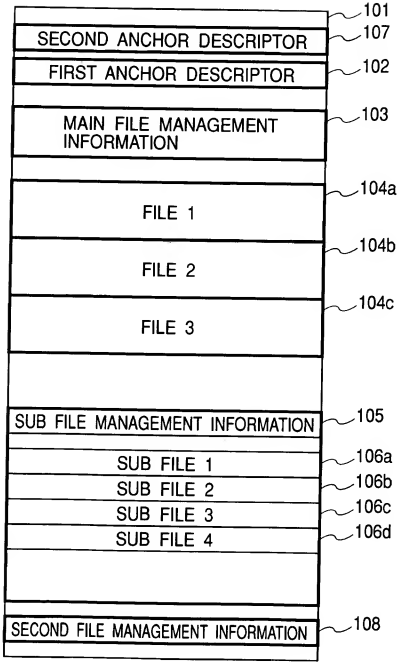

101
SECOND ANCHOR DESCRIPTOR
107
FIRST ANCHOR DESCRIPTOR
102
MAIN FILE MANAGEMENT INFORMATION
103
FILE 1
104a
FILE 2
104b
FILE 3
104c
SUB FILE MANAGEMENT INFORMATION
105
SUB FILE 1
106a
SUB FILE 2
106b
SUB FILE 3
106c
SUB FILE 4
106d
SECOND FILE MANAGEMENT INFORMATION
108

FIG. 13

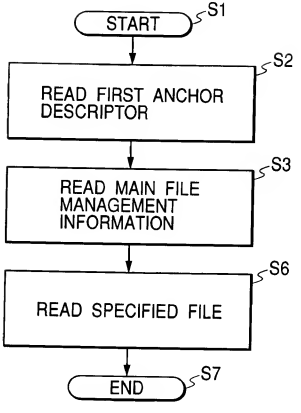

START
S1
READ FIRST ANCHOR DESCRIPTOR
S2
READ MAIN FILE MANAGEMENT INFORMATION
S3
READ SPECIFIED FILE
S6
END
S7

FIG. 14

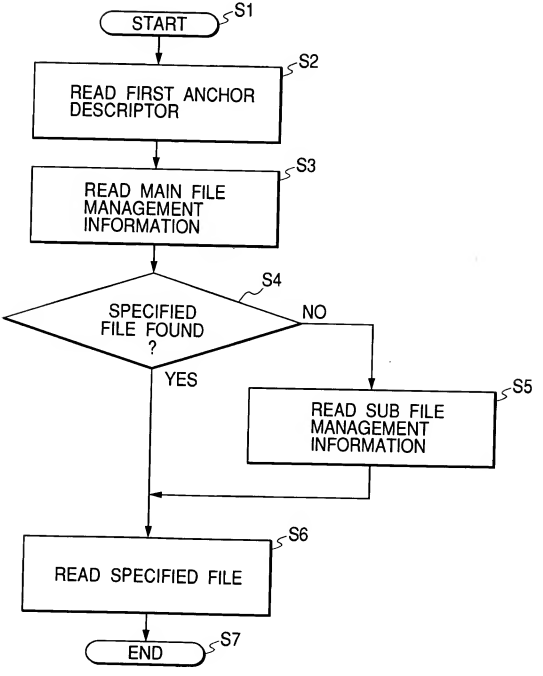

START
S1
READ FIRST ANCHOR DESCRIPTOR
S2
READ MAIN FILE MANAGEMENT INFORMATION
S3
SPECIFIED FILE FOUND ?
S4
NO
YES
READ SUB FILE MANAGEMENT INFORMATION
S5
READ SPECIFIED FILE
S6
END
S7

FIG. 15

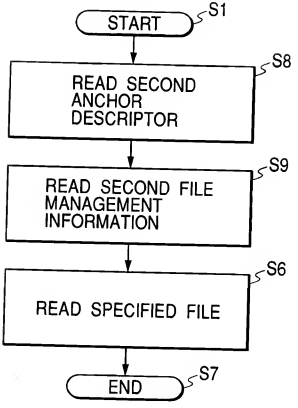
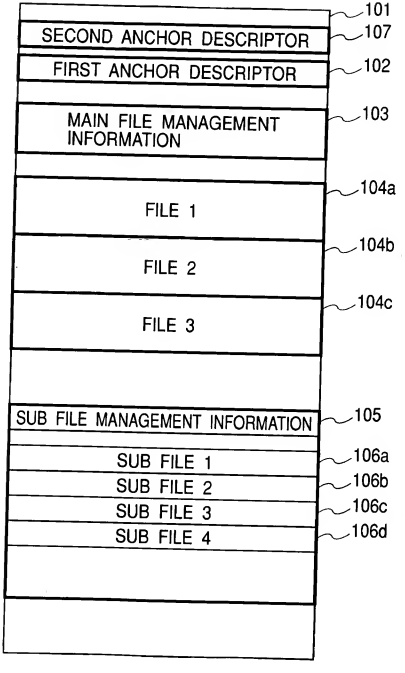

START
S1
READ SECOND ANCHOR DESCRIPTOR
S8
READ SECOND FILE MANAGEMENT INFORMATION
S9
READ SPECIFIED FILE
S6
END
S7

FIG. 16


101
SECOND ANCHOR DESCRIPTOR
107
FIRST ANCHOR DESCRIPTOR
102
MAIN FILE MANAGEMENT INFORMATION
103
FILE 1
104a
FILE 2
104b
FILE 3
104c
SUB FILE MANAGEMENT INFORMATION
105
SUB FILE 1
106a
SUB FILE 2
106b
SUB FILE 3
106c
SUB FILE 4
106d